

Application No.: 09/755,204

Docket No.: 59097US (30471)

LISTING OF THE CLAIMS:

1-81 (canceled)

82. (currently amended) A method of improving pregnancy rates in a ~~non-human mammal~~ female bovine, comprising:

culturing adult bovine fibroblast donor cells in serum starved media;

passaging the cells ~~between~~ for about 10 ~~and about 15~~ passages;

nuclear transferring the donor cells into enucleated recipient bovine oocytes to form a cybrid; ~~oocyte cells to promote cell fusion and embryo formation;~~

culturing ~~nuclear-transferred embryos in serum-supplemented media~~ the cybrid to form blastocytes; and

transferring the blastocytes cybrid into a recipient ~~non-human mammal~~ female bovine wherein pregnancy rates are up to at least about 64% ~~based on the number of embryo recipients.~~

83. (currently amended) The method of claim 82 wherein the fibroblast cells are obtained from an aged ~~non-human mammalian~~ a male bovine donor.

84. (currently amended) The method of claim 83 wherein ~~the aged donor is a bovine~~ the male bovine donor is aged.

85. (canceled)

86. (currently amended) The method of claim 84 wherein the aged male bovine donor is 17 years old.

Application No.: 09/755,204

Docket No.: 59097US (30471)

87. (previously presented) The method of claim 82 wherein the serum starved media contains up to 0.5% serum.
88. (previously presented) The method of claim 82 wherein the passaging is 10 passages.
- 89-95. (canceled).